

AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A spiral double-twisted structure ~~suitable~~ for a gabion unit of a gabion mesh, comprising:

[[i]] an n-th upper steel wire ( $A_n$ ) and an n-th lower steel wire ( $B_n$ ) which are paired with each other and rotated in one direction to form a front spiral twisted structure having a plurality of twists,

[[ii]] a k-th transverse steel wire ( $C_k$ ) which is transversely inserted between the n-th upper steel wire ( $A_n$ ) and the n-th lower steel wire ( $B_n$ ) of the front spiral twisted structure, and

[[iii]] the n-th upper steel wire ( $A_n$ ) and the n-th lower steel wire ( $B_n$ ) which are rotated in a direction opposite to the one direction after passing over the k-th transverse steel wire ( $C_k$ ) serving as a centerline, in order to form a rear spiral twisted structure having a plurality of twists, where k represents the relative ~~position~~ positional relationship among transverse steel wires and is a positive integer including 0, and n represents the relative ~~position~~ positional relationship among the upper and lower steel wires and is a positive integer including 0.

2. (Currently Amended) A gabion unit including two longitudinal steel wires and one transverse steel wire, comprising:

1) ~~one a~~ a k-th spiral double-twisted structure including a k-th transverse steel wire ( $C_k$ ), the k-th spiral double-twisted structure being configured such that an n-th upper steel wire ( $A_n$ ) and an n-th lower steel wire ( $B_n$ ) are paired with each other and rotated in one direction to form a front spiral twisted structure having a plurality of twists, the k-th transverse steel wire ( $C_k$ ) is transversely inserted between the n-th upper steel wire ( $A_n$ ) and the n-th lower steel wire ( $B_n$ ) of the front spiral twisted structure, and the n-th upper steel wire ( $A_n$ ) and the n-th lower steel wire ( $B_n$ ) are rotated in a direction opposite to the one direction after passing over the k-th transverse steel wire ( $C_k$ ) serving as a centerline, in order to form a rear spiral twisted structure having a plurality of twists, where k represents the relative positional relationship among the transverse steel wires and is a positive integer including 0, and n represents the relative positional relationship among the upper and lower steel wires and is a positive integer including 0;

[[2)] two (k+1)-th spiral double-twisted structures including a (k+1)-th transverse steel wire ( $C_{k+1}$ ); and

[[3)] one (k+2)-th spiral double-twisted structure including a (k+2)-th transverse steel wire ( $C_{k+2}$ ), where k represents the relative ~~position~~ positional relationship among the transverse steel wires and is a positive integer including 0.

3. (Canceled)

4. (Currently Amended) The gabion unit as claimed in claim 2, wherein the (k+1)-th spiral double-twisted structure is formed ~~[[in]]~~ such ~~a manner~~ that:

[[i)]] the n-th upper steel wire ( $A_n$ ) is paired with an adjacent (n+1)-th lower steel wire ( $B_{n+1}$ ) and an (n-1)-th upper steel wire ( $A_{n-1}$ ) is paired with the n-th lower steel wire ( $B_n$ ), and the pairs of steel wires are then rotated in the one direction to form front spiral twisted structures, respectively,

[[ii)]] the (k+1)-th transverse steel wire ( $C_{k+1}$ ) is transversely inserted between the paired two longitudinal steel wires of each of the front spiral twisted structures, and

[[iii)]] the paired two longitudinal steel wires are rotated in the direction opposite to the one direction after passing over the (k+1)-th transverse steel wire ( $C_{k+1}$ ) serving as a centerline, in order to form a rear spiral twisted structure, where k represents the relative ~~position~~ positional relationship among the transverse steel wires and is a positive integer including 0, and n represents the relative ~~position~~ positional relationship among the upper and lower steel wires and is a positive integer including 0.

5. (Currently Amended) The gabion unit as claimed in claim 1, wherein the (k+2)-th spiral double-twisted structure is formed ~~[[in]]~~ such ~~a manner~~ that:

[[i)]] the n-th upper steel wire ( $A_n$ ) is paired again with the n-th lower steel wire ( $B_n$ ) and they are then rotated in the one direction to form a front spiral twisted structure,

[[ii)]] the (k+2)-th transverse steel wire ( $C_{k+2}$ ) is transversely inserted between the paired upper and lower steel wires ( $A_n$ ,  $B_n$ ) of the front spiral twisted structure, and

[[iii)]] the paired upper and lower steel wires ( $A_n$ ,  $B_n$ ) are rotated again in the direction opposite to the one direction after passing over the (k+2)-th transverse steel wire ( $C_{k+2}$ ) serving as a centerline, in order to form a rear spiral twisted structure, where k represents the relative position positional relationship among the transverse steel wires and is a positive integer including 0, and n represents the relative position positional relationship among the upper and lower steel wires and is a positive integer including 0.

6. (Currently Amended) A gabion mesh, comprising:

gabion units according to claim 2 consecutively and repeatedly coupled to one another both in a right and left direction and in a fore and aft direction.

7. (Canceled)

8. (Currently Amended) A gabion mesh, comprising:

gabion units according to claim 4 consecutively and repeatedly coupled to one another both in a right and left direction and in a fore and aft direction.

9. (Previously Presented) A gabion mesh, comprising:

gabion units according to claim 5 consecutively and repeatedly coupled to one another both in a right and left direction and in a fore and aft direction.

10. (New) The spiral double-twisted structure according to claim 1, wherein the spiral double-twisted structure is bisected by the  $k$ -th transverse steel wire ( $C_k$ ).

11. (New) The gabion unit according to claim 2, wherein the  $k$ -th spiral double-twisted structure is bisected by the  $(k+1)$ -th transverse steel wire ( $C_{k+1}$ ).